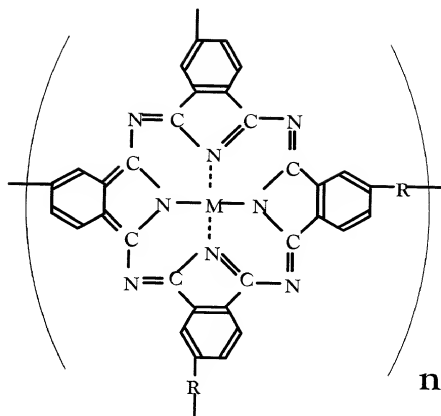
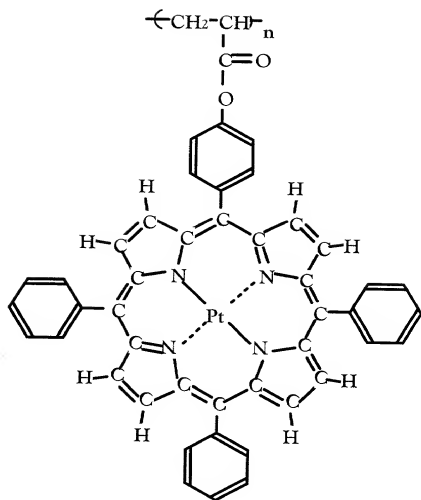


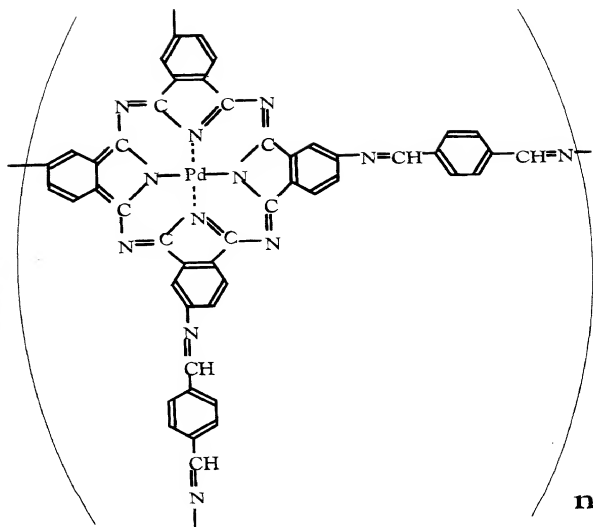
[CHEMICAL FORMULA 1]



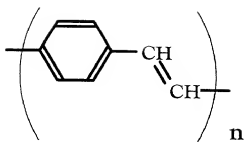
[CHEMICAL FORMULA 2]



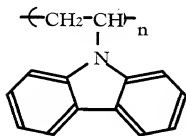
[CHEMICAL FORMULA 3]



4
[CHEMICAL FORMULA 4]



[CHEMICAL FORMULA 5]



[CHEMICAL FORMULA 6]

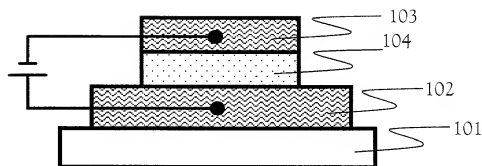


FIG. 1A

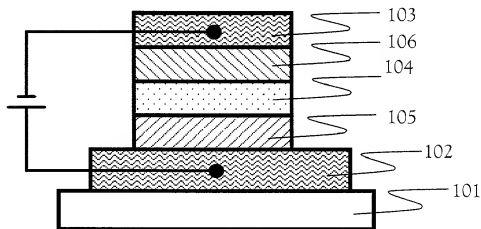


FIG. 1B

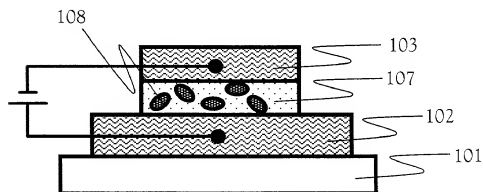


FIG. 1C

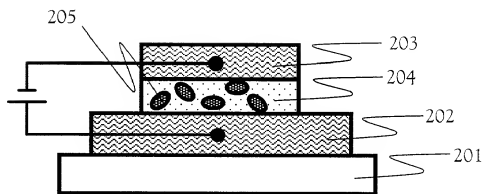


FIG. 2A

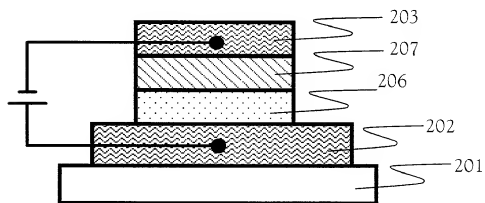


FIG. 2B

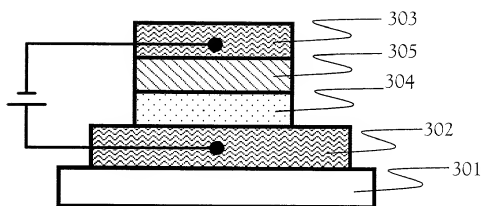


FIG. 3

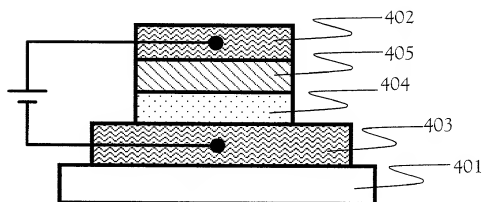


FIG. 4

DOPANT CONCENTRATION

ION IMPLANTATION
DIRECTION

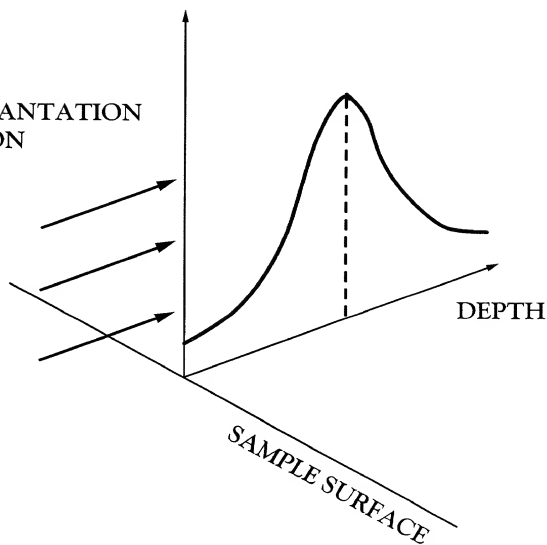


FIG. 5

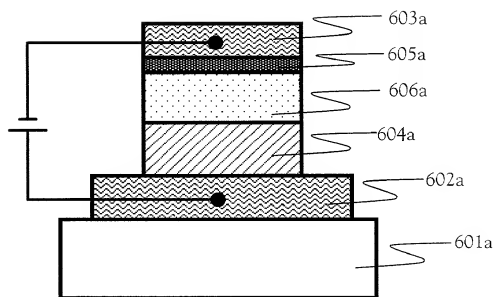


FIG. 6A

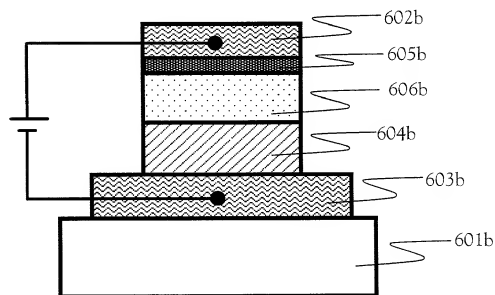


FIG. 6B

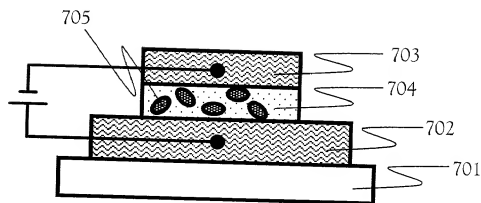


FIG. 7

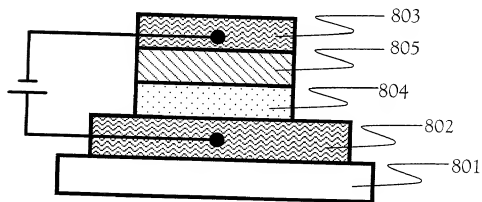


FIG. 8

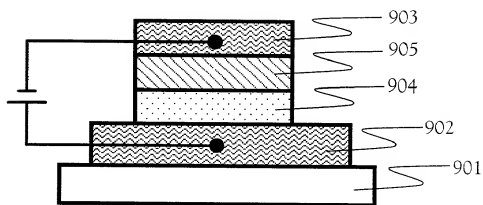


FIG. 9

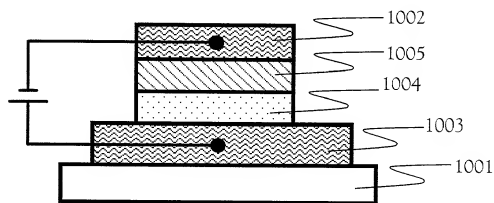


FIG. 10

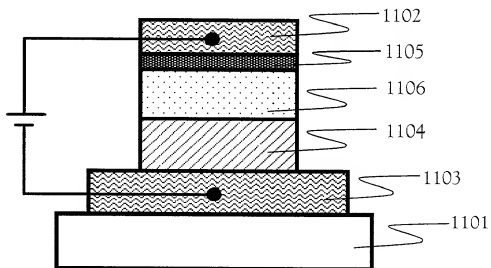


FIG. 11

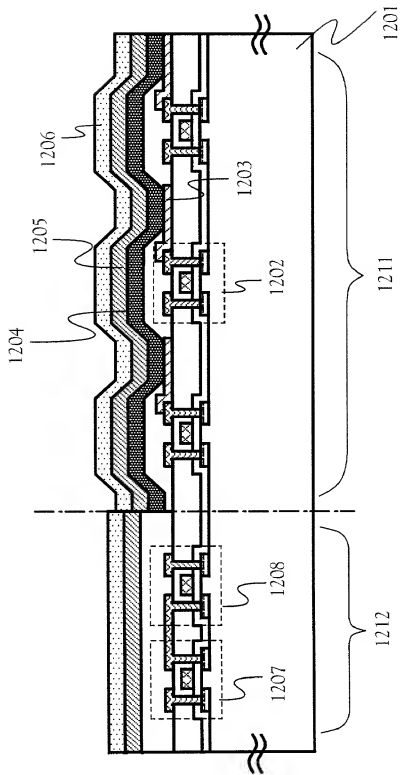


FIG. 12

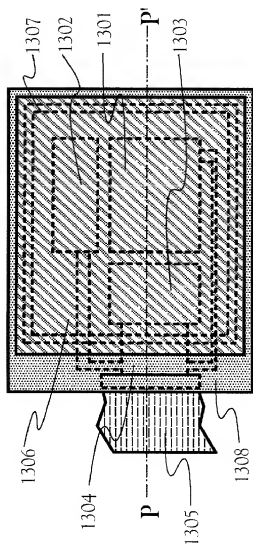


FIG. 13A

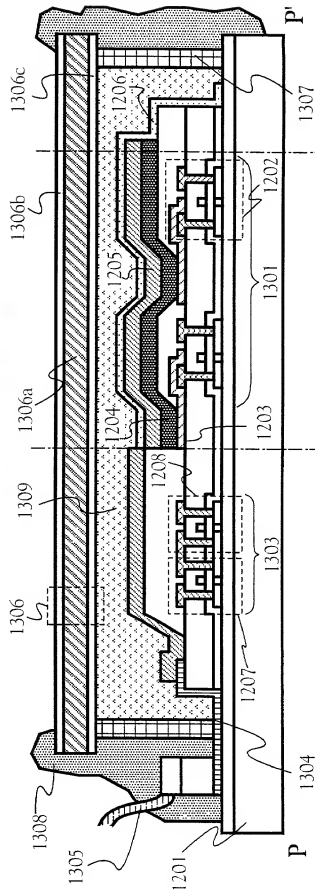
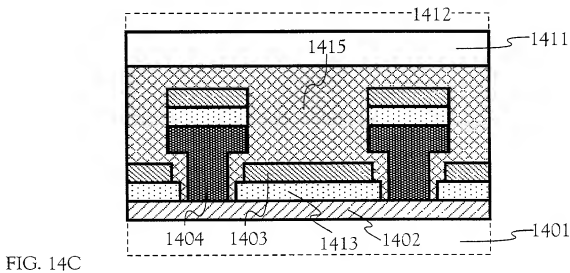
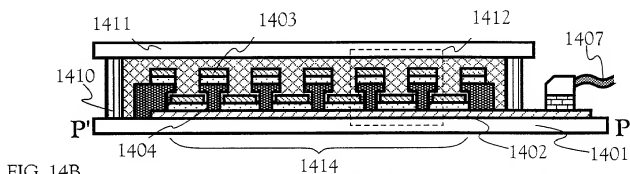
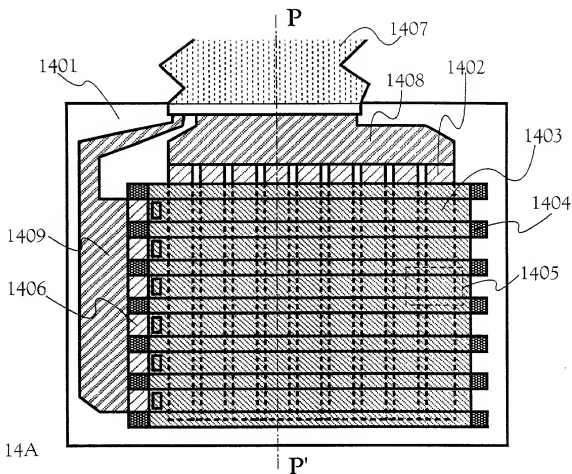


FIG. 13B



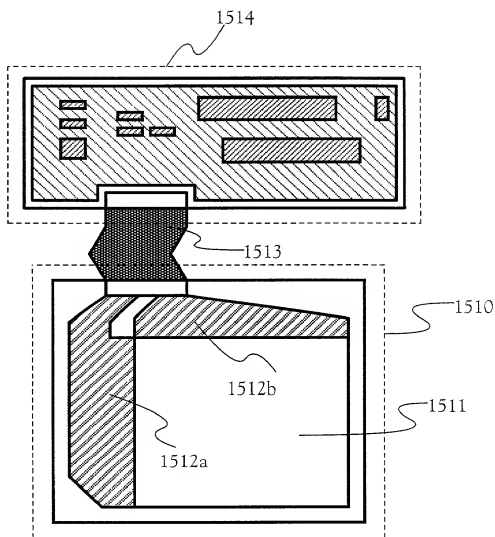


FIG. 15A

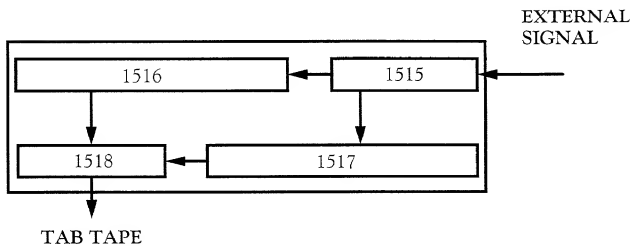


FIG. 15B

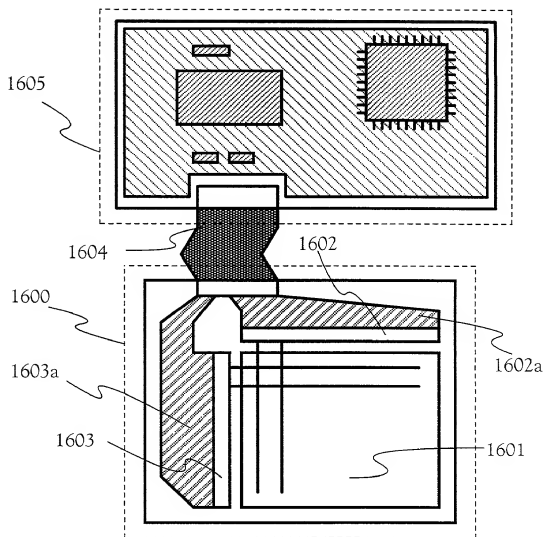


FIG. 16A

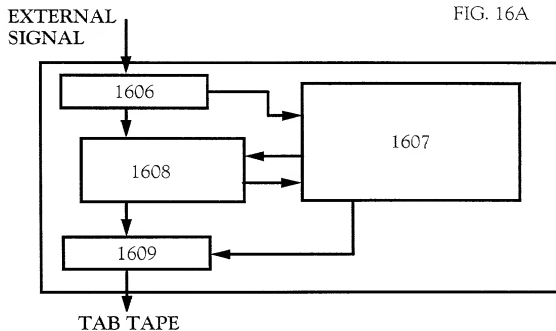


FIG. 16B

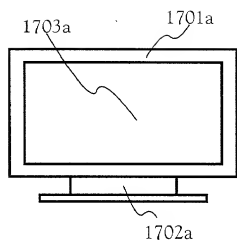


FIG. 17A

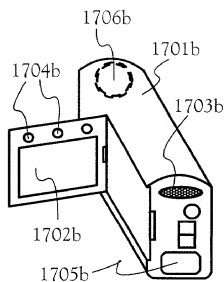


FIG. 17B

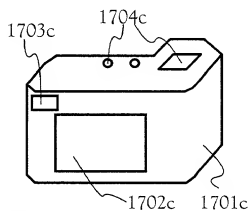


FIG. 17C

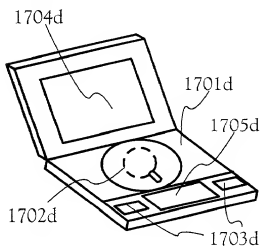


FIG. 17D

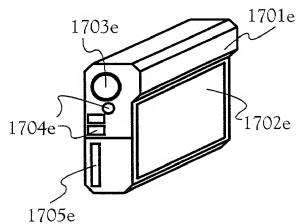


FIG. 17E

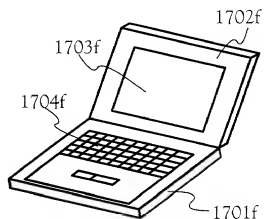


FIG. 17F

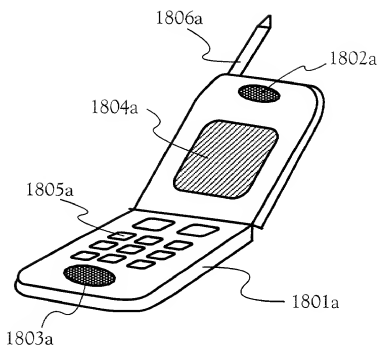


FIG. 18A

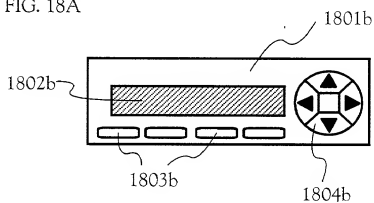


FIG. 18B